

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Elliott Bennett-Guerrero et al. Art Unit : 1645
 Serial No. : 09/423,546 Examiner : Rodney P. Schwartz
 Filed : November 12, 1999
 Title : VACCINE AGAINST LIPOPOLYSACCHARIDE CORE

Commissioner for Patents
 Washington, D.C. 20231

RECEIVED
 TECH CENTER 1600/2900
 01 DEC 13 AM 11:11

14/B
 JM
 12/19/01

RESPONSE

In response to the action mailed September 27, 2001 ("paper 13"), please enter the following amendment.

In the claims:

- A. Please cancel claims 45-46, 50-51, 60, 65, 70-71, and 77, without prejudice.
- B. Please amend claims 44, 47-49, 52-55, 57-59, 61, 64, 66-69, 72-73, 75, 78-85 and 88-93 as directed below.
- C. Please add new claims 101-110 as directed below.

C1
 B1
 44. (Amended) A method of reducing adverse effects of endotoxin in a warm-blooded animal, which comprises administering to the warm-blooded animal an effective amount of a composition comprising rough, complete-core lipopolysaccharide (LPS) antigens of at least two G[g]ram negative [bacterium] bacterial strains, each of said strains having a classification independently selected from the following classifications: *E. coli*; *Pseudomonas*; *Klebsiella*; *Salmonella*; and *Bacteroides*.

47. (Amended) The method of claim 44 in which the composition comprises killed whole cells of said bacterial strains.

CERTIFICATE OF DELIVERY BY HAND

I hereby certify that this correspondence is being delivered by hand on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

12-13-01

Date of Delivery



Signature

Tim B. Noel

Typed or Printed Name of Person Signing Certificate

B2